

# Converting Colors

Hex(AC986F)

Have a look what the booklet for  
Hex(AC986F) contains.

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# **Color**

**Hex(AC986F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC986F
RGB	172, 152, 111
RGB Percent	67%, 60%, 44%
CMY	0.3255, 0.4039, 0.5647
CMYK	0.00, 0.12, 0.35, 0.33
HSL	40°, 27%, 55%
HSV	40°, 35%, 67%
XYZ	31.1107, 32.3748, 19.6482
YIQ	153.3060, 25.0810, -8.5110

# Conversions

## Conversions Part 2

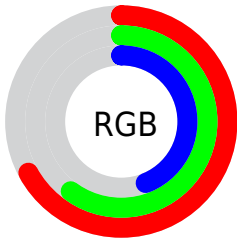
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 172, 111
Decimal	11311215
CIELab	63.65, 1.26, 24.31
CIELCh	64, 24.344, 87.038
Yxy	32.3748, 0.3742, 0.3894
Android (android.graphics.Color)	4289501295 (0xFFAC986F)
YUV	153.3060, -20.8569, 16.3946
Hunter-Lab	56.8989, -1.9742, 19.3553

# Details

The Hex color **AC986F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6F83AC**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E4CEA3**, and **77653F** is the 20% darker color. If you saturate the color by 10%, you get **AC925E**, and if you desaturate by 10%, it is **AC9E80**.

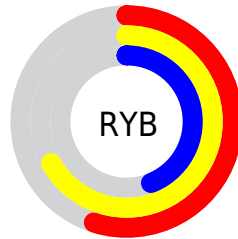
# Distribution



Red (67%)

Green (60%)

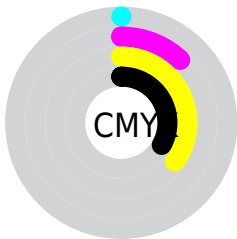
Blue (44%)



Red (55%)

Yellow (67%)

Blue (44%)

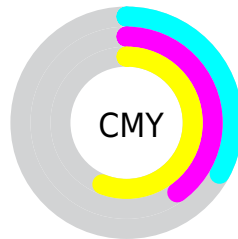


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (33%)



Cyan (33%)

Magenta (40%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC986F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Hex color AC986F by changing the saturation by 10% instead.



 AC986F

 AC986F

FFFFFF

 917E56

 E4CEA3

 77653F

 FFEABE

 5D4D28

 FFFFDA

 443713

 FFFFF7

 2E2100

 140C00

 000000

 AC986F

 AC986F

 AC925E

 AC9E80

■ AC8D4D

■ ACA391

■ AC873B

■ ACA9A3

■ AC812A

■ ACAFB4

■ AC7C19

■ ACB4C5

■ AC7608

■ ACBAD6

■ AC7400

■ ACBFE7

■ ACC5F9

■ ACCBFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BD9177



AC986F



959F73

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AC986F



59A6AD



B48EB2

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



AC986F



6F83AC

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9B95C1



AC986F



62A3BE

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AC986F



65A697



7C9DC5



C38B9D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AC986F



85A27C



7C9DC5



AD90B8



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



AC986F



E0D8C8



AC6F83



706B62



F0F0F0



707070



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



AC986F



E0C180



A2AC6F



57544E



966500



170F00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6F83AC



80A0E0



796FAC



4E5157



003196



000817



# Previews

## White Background



This preview shows how the Hex color AC986F looks on a white background.

## Color Contrast Check

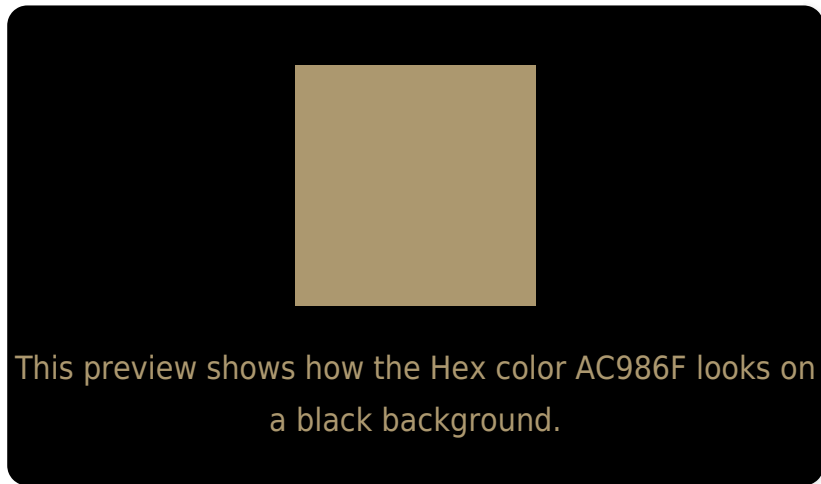
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AC986F Background



This preview shows how black text looks on a background with the Hex color AC986F.



This preview shows how white text looks on a background with the Hex color AC986F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
AC986F

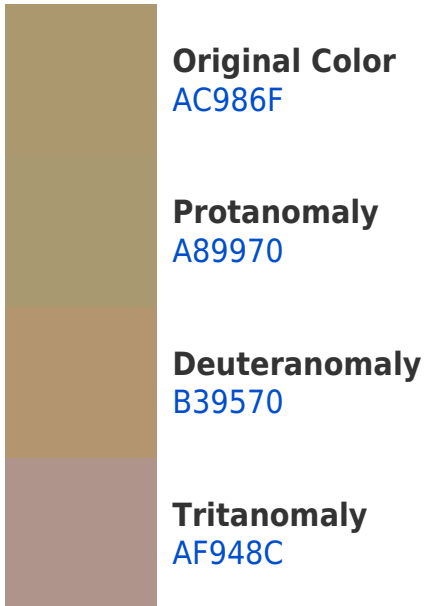
**Protanopia**  
A69A70

**Deuteranopia**  
B79470

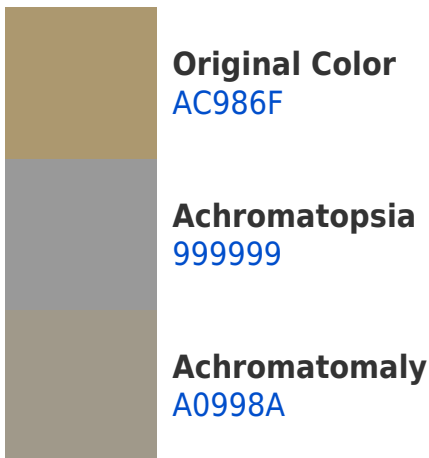


**Tritanopia**  
B1929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC986F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #AC986F looks like.

```
.text, #text, p{  
    color:#AC986F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #AC986F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC986F
}
```

## Border

The CSS property to change the border of an element to Hex AC986F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC986F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#AC986F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #AC986F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC986F; -webkit-box-shadow:4px 4px  
4px 4px #AC986F; box-shadow:4px 4px 4px  
4px #AC986F }
```

# Background

The CSS property to change the background color of an element to Hex AC986F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC986F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#AC986F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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